

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): GR-6
Description: Versatile Screen Wash

DATE PREPARED/ REVISED:

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MANUFACTURER'S NAME

Chemical Consultants, Inc.
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PREPARER

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II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Propylene Glycol Ethers	Mixture	<50	Not est'd	Not est'd	
Glycol Ethers	Mixture	>20	100 PPM	100 PPM	(Recommended)
Surfactants	Mixture	<20			

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 1.01
Solubility in water: Complete
Vapor pressure, mmHg at 20 °C: 2 (calc.)
Appearance and odor: Colorless clear liquid with very slight odor

Melting point or range, °F: NA
Boiling point or range, °F: 355
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 7.15

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 205 (TCC)
Auto ignition temperature, °F: Not Tested
Flammable limits in air volume %:
Fire extinguishing materials: water spray foam lower (LEL) Unknown carbon dioxide dry chemical upper (UEL) Unknown other _____

Special fire fighting procedures:

CAUTION: COMBUSTIBLE. Do NOT enter confined fire space without full bunker gear including a positive pressure NIOSH approved self-contained breathing apparatus.

Unusual fire and explosion hazards:

Containers exposed to intense heat should be cooled with water to prevent vapor pressure build up which could result in container rupture.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

Keep away from heat, flame and sparks.

Incompatibility (materials to avoid):

Strong oxidizing agents, acids and alkalis

Hazardous decomposition products (including combustion products):

CO, CO₂, and unidentified organic compounds.

Hazardous polymerization: May occur _____ Will not occur

Conditions to avoid:

None known.

VI. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Mist may cause irritation of mucous membranes, nose eyes, throat.

Skin: May cause irritation or dermatitis in some individuals upon prolonged contact.

Swallowed: May cause irritation of mouth and throat. Nausea and vomiting.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.

Acute: Possible blurred vision, headache, nausea.

Chronic: None known.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush immediately with fresh water for at least 15 minutes. Contact a physician if irritation persists.

Skin contact: Remove contaminated clothing. Wash with soap and water. If irritation occurs, seek medical aid.

Inhaled: Remove victim to fresh air. Provide oxygen if breathing is difficult. Seek medical aid.

Swallowed: Do not induce vomiting. Drink large quantities of milk or water. Seek medical aid.

CARCINOGENICITY? YES: _____ NO:

This product's ingredients are found in this list. Federal OSHA _____ NTP _____ IARC _____ ACGIH _____

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin conditions

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Small spills may be wiped. Contain large spills by diking.

Disposal Methods: RCRA Class: Not regulated. EPA Hazardous substance reportable quantity: Not listed. May be supplied to biological treatment plant or incinerated.

NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.

VIII. SPECIAL HANDLING PROCEDURES

Respiratory protection (type): None required under normal use conditions.

Ventilation and engineering controls: General ventilation recommended.

Eye protection (type): Safety glasses

Gloves (specify material): Nitrile gloves to prevent direct skin contact.

Other clothing and equipment: Adequate protective clothing to prevent skin contact.

Work practices, hygienic practices: Wash thoroughly after handling

Other handling and storage requirements: Store away from ignition sources.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

HMIS Code System Rating = Health 1; Flammability 1; Reactivity 0.

NFPA 704 Code System Rating = Health 1; Flammability 1; Reactivity 0.

Volatile Organic Compound (VOC) = 438 grams per liter or 3.65 lbs per gallon (EPA Method 24)

This product contains chemicals subject to the reporting requirements of SARA Title III. Sec 313

This product contains no Proposition 65 designated chemicals.

This product is in compliance with California SCAQMD Rule 1171 as a clean up material

Non-photochemically reactive.

Contains no chlorinated or petroleum hydrocarbons